

FIGURE 1A

SEQ ID NO: 25	MG-----DRGGA-----GSSRRRTGSRVS-----VQGGSGPKVEEDEVRDAAVS	
SEQ ID NO: 26	MAILDSAGVTTVTENGGEFVDLDRLLRRRKSRSDSSNGLLLSGDNNNSPDDVVGAPADVR	
SEQ ID NO: 02	MAILDSAGVTTVTENGGEFVDLDRLLRRRKSRSDSSNGLLLSGDNNNSPDDVVGAPADVR	
SEQ ID NO: 08	-----	
SEQ ID NO: 14	MVGSDDG-----DGGGEAHAGPPRRRAGQ-----LRGLRDEAAPGSPPPRRPR	
SEQ ID NO: 16	MAISDEPESVATA-----LNHSSLRRRPSATSTAGLFNSPETTTDSSGDDDLAKDSGSD	
SEQ ID NO: 22	MSKGNPDPHLP-----GSFLPSHGGPPPKPTPPRTFRNLPSSTHGPAPSVAATAIAT	60
	1	
SEQ ID NO: 25	PDLGAGGDAPAPAPAPATHRDKDRTSVGDG-----YW---DLRCHRLQD	
SEQ ID NO: 26	DRIDSVVNDDAQGTANLAGDNNGGDNGGREGGEGRGNADATFTYRPSV-PAHRRARE	
SEQ ID NO: 02	DRIDSVVNDDAQGTANLAGDNNGGDNGGREGGEGRGNADATFTYRPSV-PAHRRARE	
SEQ ID NO: 08	-----	
SEQ ID NO: 14	PRPRG---GDSNGRSVLRPGG-----GGRGGGGDFS---AFTFRAA-APVHRKAKE	
SEQ ID NO: 16	DSINS---DDAAVNSQQQNEK-----QDTDFSVLKFAIRPSV-PAHRKVKE	
SEQ ID NO: 22	TP-----PSASAAPLPPTVHGEAAH---GAAAAARRD-----ALLPGVGAHRRVKE	120
	61	
SEQ ID NO: 25	SLFSSDSGFSNYR-GILNWCVVMLIILSNARLFLLENLIKYGILVDP-IQVVSFLKDPYSW	
SEQ ID NO: 26	SPLSSDAIFKQSHAGLFNLCVVVLIIVNSRLIIENLMKYGWLIRTDWFSSRSLRD---W	
SEQ ID NO: 02	SPLSSDAIFKQSHAGLFNLCVVVLIIVNSRLIIENLMKYGWLIRTDWFSSRSLRD---W	
SEQ ID NO: 08	-----F---NATSLRD---W	
SEQ ID NO: 14	SPLSSDAIFKQSHAGLFNLCIVVLIVAVNSRLIIENLMKYGLLIRAGFWFNDKSLRD---W	
SEQ ID NO: 16	SPLSSDTIFRQSHAGLFNLCIVVLIVAVNSRLIIENLMKYGLIKSGFWFSSKSLRD---W	
SEQ ID NO: 22	SPLSSDAIFRQSHAGLLNLCIVVLIVAVNSRLIIENLMKYGLLIRAGFWFSARSLGD---W	180
	121	

FIGURE 1B

SEQ ID NO: 25	++ ++ + ++ * **	PAPCVIIASNIFVVAAFQIEKRLAVGALTEQMGLLLHVVNLATIICFPAAVALLVESITP	++ +	++ + * + *	240
SEQ ID NO: 26		PLFMCCISLSIFPLAAFTVEKLVQKYISEPVVIFLHIIITMTEVLVPVYVTLRCD\$AFL			
SEQ ID NO: 02		PLFMCWISLSIFPLAAFTVEKLVQKYISEPVGIFLHIIITMTEVLVPVYVTLRCD\$AFL			
SEQ ID NO: 08		PLLMCCLSLPIFPLGAFAVEKLA FNLVSDPATTCFHILFTTTEIVVPVLVILKCD\$AVL			
SEQ ID NO: 14		PLLMCCLSLPAFPLGAFAVEKLA FNNVITDAVATCLHIFLSTTEIVVPVLVILKCD\$AVL			
SEQ ID NO: 16		PLFMCCLS LVFPFAAFIVEKLAQRKCIPEPVVVVLHIIITSTSLFYPVLVILRCD\$AFV			
SEQ ID NO: 22		PLLMCCLTLP IFFPLAALMTEKWAQRKLIRDHVSILLHIIITTTVLIYPVVVILKCD\$AVL			241
SEQ ID NO: 25	++ +	VGSVFALASYSIMFLKLYSYRDVNLWCRQRRVKAKAVSTGKKVSGAA\$QQA VSYDPDNLT Y	++ +	*	
SEQ ID NO: 26		SGVTLMLLT-CIVWLKLVSYAHTS--YDIRSL----ANAADKANP-----EVSYYVSL			
SEQ ID NO: 02		SGVTLMLLT-CIVWLKLVSYAHTS--YDIRSL----ANAADKANP-----EVSYYVSL			
SEQ ID NO: 08		SGFVLMFIA-CIVWLKLV\$FAHTN--HDIGKL----ITSGKKVDNELTAAGIDN\$LQXPTL			
SEQ ID NO: 14		SGFLLIFIA-CIVWLKLV\$FAHTN--HDIRQL----TMGKKVDNELSTVDM\$DNLQPPTL			
SEQ ID NO: 16		SGVTLM\$IFS-CVVWLKLV\$YAHTN--YDMRAL----TKLVEKGEALLD\$TLNMDYPYNVSF			
SEQ ID NO: 22		SGFVLMFIA-SITWLKLV\$FAHTN--YDIRIL----SQSIEKGATHGSSIDEENIKGPTI			300
SEQ ID NO: 25	** *****++ +**	RDLYYFIFAP\$TLCYELN-FPRSPRIRKRFLLRRVLEMLFF\$TQLQVGLIQQW\$MVPTIQNSM	**++	***	360
SEQ ID NO: 26		KSLAYFMVAP\$TLCYQPS-YPRSACIRKGVARQFAKLVI\$TGFMGFIIEQYINPIVRNSK			
SEQ ID NO: 02		KSLAYFMVAP\$TLCYQPS-YPRSACIRKGVARQFAKLVI\$TGFMGFIIEQYINPIVRNSK			
SEQ ID NO: 08		GSLTYFKMAP\$TLCYQAKVILRTPYVRKGWLVRQVILYLI\$FTGLQGFIIEQYINPIVNSQ			
SEQ ID NO: 14		GNLIYFMMA\$P\$TLCYQPS-YPRTSCVRKGWLIRQIILYLI\$FTGLQGFIIEQYINPIVNSQ			
SEQ ID NO: 16		KSLAYFLVAP\$TLCYQPS-YPRTPYIRKGWLFRQLVKLI\$FTGVMGFII\$DQYINPIVQNSQ			
SEQ ID NO: 22		NSVVYFMLAP\$TLCYQPS-YPRTAFIRKGWVTRQLIKCVW\$FTGLMGFIIEQYINPIVQNSK			301

FIGURE 1C

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SEQ ID NO:25 KPFKMDYSRIIERLLKLAVPNHLIWLIFFYWFFHSCINAVAEELLQFGDREFYRDWNAE
SEQ ID NO:26 HPLKG-DLLYAIERVLKLSVPNLYVWLCMFYCFHHLWLNILAEELLCFGDREFYKDWWNAK
SEQ ID NO:02 HPLKG-DLLYAIERVLKLSVPNLYVWLCMFYCFHHLWLNILAEELLCFGDREFYKDWWNAK
SEQ ID NO:08 HPLMG-GLLNAVETVLKLSLPNVYLWLCMFYCLFHLWLNILAEILLRFGDREFYKDWWNAK
SEQ ID NO:14 HPLKG-GLLNAVETVLKLSLPNVYLWLCMFYAFFHLWLSILAEILLRFGDREFYKDWWNAK
SEQ ID NO:16 HPLKG-NLLYATERVLKLSVPNLYVWLCMFYCFHHLWLNILAEILLRFGDREFYKDWWNAK
SEQ ID NO:22 HPLNG-NFLDAIERVLKLSVPTLYVWLCMFYSFFHLWLNILAEILLRFGDREFYKDWWNAK
361 420

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SEQ ID NO:25 SVTYFWQNWNIPVHKWCIRHFYKPMLRHGSSKWVARTGVFLTSAFFHEYLVSVPLRMFRL
SEQ ID NO:26 SVGDYWRMWNMPVHKWVMRHIYFPCLRSKIPKTLAIIAFLVSAVFHELCLAVPCRFLKL
SEQ ID NO:02 SVGDYWRMWNMPVHKWVMRHIYFPCLRSKIPKTLAIIAFLVSAVFHELCLAVPCRFLKL
SEQ ID NO:08 TIDEYWRKWNMPVHKWIVRHIYFPCMRNGISKEVAFISFVSAVLHEYVLLFL-HILKF
SEQ ID NO:14 TIDEYWRKWNMPVHKWVMRHIYFPCMRNGISKEVAVLISFLVSAVLHEICVAVPCRILKF
SEQ ID NO:16 TVEDYWRMWNMPVHKWMIRHLYFPCLRHGLPKAAALLIAFLVSALFHELCLAVPCHIFKL
SEQ ID NO:22 TVEEYWRMWNMPVHKWIVRHIYFPCIRNGLSKGCAILLIAFLVSAVFHELCLAVPCHIFKL
421 480

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SEQ ID NO:25 WAFATAMMAQVPLAWIVGRFFQGNYGNAAV----WVTL-IIGQPVAVLMYVHDYVVLNYDAPVGV
SEQ ID NO:26 WAFLGIMFQVPLV-FITNVLQERF-GSTVGNMIFWFIFCIFGQPMCVLLYYHD--LMNRKGSMS-
SEQ ID NO:02 WAFLGIMFQVPLV-FITNVLQERF-GSTVGNMIFWFIFCIFGQPMCVLLYYHD--LMNRKGSMS-
SEQ ID NO:08 WAFLGIMLQIPLI-ILTSYLKNKFSDTMVGNMIFWFFFCIYGQPMCVLLYYHD--VMNR-TEKAK
SEQ ID NO:14 WAFLGIMLQIPLI-VLTAYLKSFRDITMVGNMIFWFFFCIYGQPMCVLLYYHD--VMNR-IEKAR
SEQ ID NO:16 WAFGGIMFQVPLV-LITNVLQNKFRNSMVGNMIFWFIFSILGQPMCVLLYYHD--LMNRKGKLD-
SEQ ID NO:22 WAFSGIMFQIPLL-FLTLYLQDKFKNTMVGNMIFWFFFSIVGQPMCVLLYYHD--VMNRQAQTNG
481 545
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